



Operation & Maintenance Manual

IQ40 Heat Regenerative Air Dryer



Ozotech, Inc.
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IQ40 VACUUM AIR DRYER

***“Intelligent” Advantage Over Any Other Heat Regenerative Air Dryer
on the Market Today!!!!***

SPECIFICATIONS

- **AIR FLOW** 0.5-40 Cubic Feet Per Hour
- **WATTAGE** 50 VA Average; 90 VA Maximum
- **DEW POINT** -50 to -60 Degrees
- **PHYSICAL DIMENSIONS** 13” High X 10” Wide X 3.5” Deep
- **VOLTAGE** 115 VAC, 60 Hz (Standard)
- **CHASSIS** Baked Silver Enamel Over Aluminum

APPLICATION / INSTALLATION DATA

- **This Dryer** is fully automatic and self-regenerating.
- **This Dryer** is a **Vacuum** air dryer. The Ozone Generator fed by this dryer requires a vacuum source. Airflow should be regulated by an air flow meter to the ozonator specifications.

NOTE: Dryer is Suitable for Indoor or Dry Locations Only. If Installed Outdoors, Dryer Must be protected from the Weather.

If unit is to be installed outdoors, an open-ended cover should be installed to prevent direct exposure to the elements. This cover should extend at least SIX inches in all directions, and be located at least SIX inches above the TOP of the dryer to allow unrestricted convection of air through the unit.

- **Air Dryer** should be installed in a vertical position, with the AIR outlet (1/4” npt female fitting) on the BOTTOM RIGHT side. The perforated sides should be RIGHT and LEFT to allow air convection, and should not be blocked or covered.
- **Dryer** should be plugged into an outlet for continuous duty. It is not
- Recommended to power up the unit intermittently even at times when there is no airflow from the venturi.

WARRANTY:

ONE YEAR ON ALL COMPONENTS

ENGINEERING NOTICE

INSTALLATION OF THE IQ 40 AUTOMATIC AIR DRYER

The timing circuit on the printed circuit board is designed to operate properly even when a power loss occurs! **This means that the IQ40 Dryer remembers which drying bed was in operation when power ceased. This is very important, as you do not want moisture entering your ozone generator. Typical air dryers do not have this capability and can deliver air from a saturated dryer bed causing problems with your ozone generator.**

YOUR IQ40 DRYER SHOULD BE IN USE AT ALL TIMES, WHEN OPERATING IN CONJUNCTION WITH AN OZONE GENERATOR!

This input relates to initial installation and startup. During transit from the factory to destination, the drying agent in the chambers absorbs an incredible amount of moisture. Upon initial turn-on of the system, this large amount of moisture is immediately being pulled into the ozone generator chambers. This in turn could cause a decrease in ozone output and possibly a blown line fuse.

IN ORDER TO AVOID THIS PROBLEM, PLEASE ALLOW THE DRYER A THREE (3) HOUR WARMUP PERIOD PRIOR TO CONNECTING THE FLEXIBLE HOSE TO THE OZONE GENERATOR INPUT!

WARRANTY / TERMS AND CONDITIONS

IQ40 Vacuum Air Dryer: Serial # _____ Date: _____

OZOTECH, INC., 2401 OBERLIN ROAD, YREKA, CA 96097

1. The Manufacturer warrants to the purchaser:
 - a. That the control board, transformer, and chamber heaters will be free of defects in manufacture for a period of ONE YEAR from the date of PURCHASE.
2. Any part which does not meet the standard warranty specifications in Paragraph 1 above will, upon receipt at the Manufacturer's place of business with freight prepaid, be restored to original specifications by either replacement or repair at the option of the Manufacturer. Replacement or repaired part(s) will be returned to the Purchaser freight prepaid.

TERMS AND CONDITIONS

1. The warranty printed on this document does not apply:
 - a. to any unit subjected to accident, misuse, negligence, abuse, defacement or removal of the Manufacturer's label affixed to the unit;
 - b. to the benefit of any Purchaser other than the Registered original user of the unit unless prior written authorization from the Manufacturer is obtained;
 - c. to the cost of labor involved in repair or replacement of parts or any other costs, losses or liabilities incurred by the Purchaser due partly or wholly to the failure or defect of any part(s) of the Dryer unit.
2. Parts repaired or replaced under this warranty are warranted only through the remainder of the original warranty.
3. Any expressed or implied condition, statement, or warranty, statutory or otherwise, relating to the quality and fitness for any purpose of the goods supplied hereunder, which is not stated in the document is hereby expressly excluded.